



NXP Semiconductors / Freescale



SPC5744BSK1AMMH6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC5744BSK1AMMH6                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | SINGLE CORE 1.5M FLASH                                                                                       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

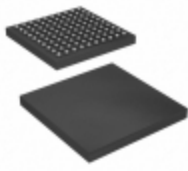
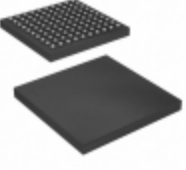
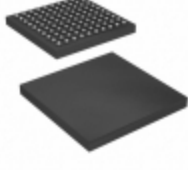
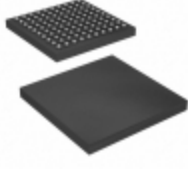
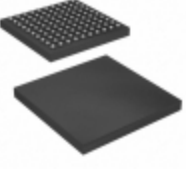
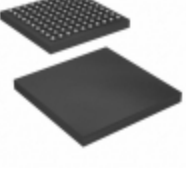
Specifications of SPC5744BSK1AMMH6

|                                |                                                                                           |
|--------------------------------|-------------------------------------------------------------------------------------------|
| PART NUMBER                    | SPC5744BSK1AMMH6                                                                          |
| MANUFACTURER                   | NXP Semiconductors / Freescale                                                            |
| DESCRIPTION                    | SINGLE CORE 1.5M FLASH                                                                    |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                |
| DATA SHEET                     |                                                                                           |
| VOLTAGE - SUPPLY (VCC/VDD)     | 3.15 V ~ 5.5 V                                                                            |
| SUPPLIER DEVICE PACKAGE        | 100-MAPBGA (11x11)                                                                        |
| SPEED                          | 160MHz                                                                                    |
| SERIES                         | MPC57xx                                                                                   |
| RAM SIZE                       | 192K x 8                                                                                  |
| PROGRAM MEMORY TYPE            | FLASH                                                                                     |
| PROGRAM MEMORY SIZE            | 1.5MB (1.5M x 8)                                                                          |
| PERIPHERALS                    | DMA, I <sup>2</sup> S, POR, WDT                                                           |
| PACKAGING                      | Tray                                                                                      |
| PACKAGE / CASE                 | 100-LFBGA                                                                                 |
| OTHER NAMES                    | 935370336557                                                                              |
| OSCILLATOR TYPE                | Internal                                                                                  |
| OPERATING TEMPERATURE          | -40°C ~ 125°C (TA)                                                                        |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                |
| EEPROM SIZE                    | 64K x 8                                                                                   |
| DETAILED DESCRIPTION           | e200z4 MPC57xx Microcontroller IC 32-Bit 160MHz 1.5MB (1.5M x 8) FLASH 100-MAPBGA (11x11) |
| DATA CONVERTERS                | A/D 36x10b, 16x12b                                                                        |
| CORE SIZE                      | 32-Bit                                                                                    |
| CORE PROCESSOR                 | e200z4                                                                                    |
| CONNECTIVITY                   | CANbus, Ethernet, FlexRay, I <sup>2</sup> C, LINbus, SPI                                  |

Related Tags

|                                                 |                                         |                                                     |
|-------------------------------------------------|-----------------------------------------|-----------------------------------------------------|
| NXP Semiconductors / Freescale SPC5744BSK1AMMH6 | SPC5744BSK1AMMH6 Distributor            | SPC5744BSK1AMMH6 Supplier                           |
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| Freescale Semiconductor - NXP SPC5744BSK1AMMH6  | NXP USA Inc. SPC5744BSK1AMMH6           |                                                     |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>SPC5744BSK1AMMH2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: SINGLE CORE, 1.5M FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>SPC5744PFK1AMLQ9</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2.5MB FLASH 144LQFP<br/>In stock: 308 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SPC5744BSK1AVKU2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: SINGLE CORE, 1.5M FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>SPC5744BK1AVMH2R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: SINGLE CORE 1.5M FLASH 192K RA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SPC5744BK1CMH2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 32 BIT SINGLE CORE 1.5M FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>      | <div></div> <div><b>SPC5744CBK1AVKU6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DUAL CORE 1.5M FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>            |
| <div></div> <div><b>SPC5744BK1AMMH2R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: SINGLE CORE 1.5M FLASH 192K RA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>SPC5744BK1CMH2R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 32 BIT SINGLE CORE 1.5M FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>SPC5744PFK1AMLQ8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2.5MB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>SPC5744BK1AVMH2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: SINGLE CORE 1.5M FLASH 192K RA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>SPC5744PEK1AMMM5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: C55G-PANTHER (CUT 2.2B)<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>SPC5744PFK1AKLQ8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 32-BIT MCU DUAL CORE POWER ARCH<br/>In stock: Out stock<br/><div>RFQ</div></div> |

